



**COUNTY OF LOS ANGELES  
DEPARTMENT OF PUBLIC WORKS  
BUILDING AND SAFETY DIVISION**

**EV CHARGING STATIONS  
PLAN REVIEW LIST**

**GENERAL PROJECT INFORMATION**

PLAN CHECK NO \_\_\_\_\_ DISTRICT NO \_\_\_\_\_  
JOB ADDRESS \_\_\_\_\_ CITY \_\_\_\_\_ ZIP \_\_\_\_\_

NOTE: Numbers in the parenthesis ( ) refer to sections of the 2017 edition of the Los Angeles County Building Code, Table (T) & Building Code Manual (BCM).

**INSTRUCTIONS**

- Corrections with circled item numbers apply to this plan check.
- In the left-hand margin of the circled corrections, please indicate the sheet number and detail or note number on the plans where the corrections are made. Resubmit marked original plans and two corrected sets of plans, calculations and this plan review list.
- Incomplete, unclear, or faded drawings or calculations will not be accepted.
- Incorporate all comments as marked on checked set of plans and calculations and these correction sheets.

**This correction list indicates specific areas of Title 24, Part 2 which are applicable to your project. Please be aware that the owner(s) of this building and his/her consultants are responsible for compliance with the most current Federal Regulations contained in the Americans with Disabilities Act (ADA) and Fair Housing Act (FHA). Where the ADA & FHA requirements exceed those contained in Title 24, Part 2, it is the owner's responsibility and consultants to ensure compliance with the most current ADA & FHA regulations, as the County/City is not delegated the authority to plan review or inspect projects for ADA & FHA compliance.**

**GENERAL**

1. Show new EVCS installed are in compliance with Section 11B-812.
2. Alterations to existing EVCS shall comply with current access requirements. **§11B-228.3**
3. Revise the plans and parking summary to provide a minimum of \_\_\_\_\_ van accessible, \_\_\_\_\_ standard accessible and \_\_\_\_\_ ambulatory EV spaces. **Table 11B-228.3.2.1**
4. The required number and type of compliant EVCS spaces shall be based on the proposed total of both existing and new EV spaces. **§11B-228.3.2.1**
5. Where EV spaces are provided in more than one parking facility on a site, the number and type of complying EV spaces shall be calculated and provided separately for each parking facility. **§11B-228.3.2**
6. Fully dimension and detail all Drive-up EVCS to show compliance with the current access requirements. **§11B-812 & 11B-812.6.4**
7. Provide sitework or topography plans with point elevations sufficient to show the proposed finished surface slopes and cross-slopes of all EV spaces, access aisles, and accessible routes. Access aisles shall be level with the EV space served, and slopes/cross-slopes shall not exceed 1:48. **§11B-302**
8. Relocate the detectable warnings shown on the plans to be outside the minimum required area of all EV spaces and access aisles. **§11B-302**
9. Provide building sections and dimension the actual vertical clearances along the full length of the vehicle spaces, access aisles and vehicular routes serving the EVCS. A minimum vertical clearance of 98 inches shall be maintained under all vertical obstructions, including cable management systems. **§11B-812.4**

**ACCESSIBLE ROUTES & ACCESS AISLES**

10. Show locations of all EV spaces and accessible routes on the site plan. Compliant EV spaces shall be located on an accessible route to an accessible building entrance. **§11B-206.4 & 11B-812.5**



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11. Provide and clearly identify the accessible route on the plans between each EV space and the EV charger which serves the space. **§11B-402 & 11B-812.5**
12. Provide curbs, wheel stops, bollards, or other barriers to prevent encroachment of vehicle over the required clear width of accessible routes. **§11B-812.5.3**
13. Relocate the EVCS accessible spaces and access aisles so that persons using them are not required to travel behind vehicles or parking spaces other than their own. **§11B-812.5.3**
14. EVCS shall be designed so accessible routes are not obstructed by cables or other elements. **§11B-812.5.5**
15. Fully dimension all EV spaces on the plans. The minimum dimensions shall be: **§11B-812.6**
  - a. 144 inches by 216 inches long for van accessible EV spaces;
  - b. 108 inches by 216 inches long for standard accessible EV spaces;
  - c. 120 inches by 216 inches long for ambulatory EV spaces; and,
  - d. 204 inches by 240 inches long for drive-up EVCS spaces.
16. Dimension and provide access aisles adjacent to each accessible/ambulatory EV space, complying with the following: **§11B-812.7**
  - a. Minimum 60 inches wide;
  - b. Minimum length equal to the length of the vehicle spaces served;
  - c. Shall not overlap the vehicular way; and
  - d. Shall be located on the passenger side of van accessible EV spaces.

**STRIPING & MARKINGS**

17. Revise the striping plan and details to accurately dimension the accessible vehicle spaces and access aisles. The required dimensions shall be provided from the centerline of the markings. **§11B-812.1**
18. Provide complete striping details and notes for the EV spaces and access aisles, to show compliance with the following: **§11B-812.7**
  - a. Access aisles shall be marked with painted borderlines around their perimeter;
  - b. The area within the borderlines shall be marked with hatched lines a minimum of 36 inches on center;
  - c. The color of the borderlines, hatched lines, and letters shall contrast with that of the surface of the access aisle;
  - d. The color of all striping and markings shall **not** be the blue color used for identification of accessible parking spaces per 11B-502.3.3;
  - e. The words "NO PARKING" shall be painted within each access aisle in letters a minimum of 12 inches in height and located to be visible from the adjacent vehicular way; and,
  - f. The words "EV CHARGING ONLY" shall be painted at the lower end of each EV space in letters a minimum of 12 inches in height. The centerline of the text shall be 6 inches maximum from the centerline of the vehicle space and its lower corner at, or lower side aligned with, the end of the parking space. **§11B-812.8.9**

**SIGNAGE**

19. Detail and provide identification signage as follows: **§11B-812.8**
  - a. Accessible signage is not required where a total of four or fewer EV spaces are provided;
  - b. Five to twenty-five total EV spaces are provided:
    - i. One van accessible EV space shall be identified by ISA signage;
    - ii. Accessible signage is not required at the standard accessible EV spaces.

